

22. An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 80% identical to that of SEQ ID NO:2 and wherein said protein has essentially the same phosphofructokinase enzymatic activity as the protein of SEQ ID NO:2.

but C1

23. An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 90% identical to that of SEQ ID NO:2 and wherein said protein has essentially the same phosphofructokinase enzymatic activity as the protein of SEQ ID NO:2.

24. An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 95% identical to that of SEQ ID NO:2 and wherein said protein has essentially the same phosphofructokinase enzymatic activity as the protein of SEQ ID NO:2.

B'
concl.

25. An isolated polynucleotide consisting essentially of the nucleotide sequence of nucleotides 143 - 1171 of SEQ ID NO:1.

26. An isolated polynucleotide consisting essentially of the nucleotide sequence of SEQ ID NO:1.

but D2

27. A vector comprising the polynucleotide of any one of claims 20-26.

28. The vector of claim 27, wherein said vector is a plasmid.

29. A bacterial host cell transformed with the vector of claim 28.

30. The bacterial host cell of claim 29, wherein said bacterial host cell is of the species *Corynebacterium glutamicum*. --
